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Professor Yoshimasa TAKEZAKI
on the Occasion of his Retirement*

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History of Publications

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竹崎嘉真教授
Professor Dr. Yoshimasa Takezaki

Emeritus Professor Yoshimasa Takezaki

Dr. Yoshimasa Takezaki retired on the first of April, 1981, under the age limit after his 36 years' service at Kyoto University, and was granted the title of emeritus professor by the University on the following day.

Dr. Takezaki was born in Osaka on October 28, 1917. He graduated from Kyoto University with his major in chemistry in March, 1940, and participated in the study of Fischer-Tropsch oil synthesis as an assistant of the late G. Kita's laboratory.

After he served as a technical officer at the naval petroleum refinery for 5 years until the end of World War II, he returned to the Faculty of Technology of Kyoto University and was appointed a lecturer. He was promoted to the associate professor of the Institute for Chemical Research, Kyoto University, in 1946.

He received a doctoral degree of engineering from Kyoto University for his study on the reaction of methyl radical with some oxygencontaining compounds in 1950. Then, Dr. Takezaki was appointed a full professor at the Institute for Chemical Research of Kyoto University in March, 1951, and directed the Laboratory of High Pressure Chemistry.

In the following years, he made studies on high pressure synthetic chemistry and photochemistry. In the field of high pressure chemistry, investigations for both fundamental and application were mainly devoted to gas and liquid reactions to synthesize the useful products with carbon monoxide and carbon dioxide under pressure. He was awarded the prize for the brilliant achievements in this field, from the Japan Petroleum Institute in 1977. In the field of photochemistry, kinetic studies on free radical and atom reactions in gas phase were made and the detailed mechanism of elementary reactions were elucidated.

Dr. Takezaki gave lectures on "High Pressure Chemistry" and "Reaction Kinetics" at the Graduate School of Engineering, and supervised the dissertation works of many graduate students.

He rendered service to the Institute and University as the Director of the Institute and a member of the University Council from 1974 to 1976. He made a successful effort to establish the Research Facility for Inorganic Synthesis in the Institute in 1975.

He did much for off campus activities as a member of the board of directors in the Japan Petroleum Institute, a member of the Chemical Society of Japan and of the Society of Material Science, Japan, and also contributed greatly to the national and international meetings.

This collection of papers of his colleagues and friends is dedicated to Dr. Takezaki in honor of his sincere service for a long period and retirement.

April, 1981



Toshio Takada
Director
Institute for Chemical Research
Kyoto University

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